

In the Abstract

Please rewrite the Abstract as follows:

A porous material 1-is provided wherein silicon carbide particles 2-as an aggregate are bonded with one another via silicon nitride 3-as a binder-in such a state so that pores 5-are present between the silicon carbide particles 2, wherein no. No columnar silicon nitride (silicon nitride whisker) is formed on the surface of the silicon nitride 3-within each pore 5, or that, even when. Even if silicon nitride whiskers are inevitably formed there, the number of the columnar silicon nitride having a thickness of more than 2 μ m and an aspect ratio of less than 10 is greater than that of the columnar silicon nitride having a thickness of 2 μ m or less or an aspect ratio of 10 or more. The present invention provides a porous material superior in heat resistance and gas permeability, a method for production thereof, and a honeycomb structure.